

Title (en)

Device for precise placement of the toe of a hosiery item during automated insertion thereof in the conveyor of a sewing machine for closing the toe

Title (de)

Anordnung für die genaue Positionierung der Spitze eines Strumpfes während dessen automatischen Einführens in den Förderer einer Nähmaschine zum Schliessen der Spitze

Title (fr)

Dispositif pour le positionnement précis de l'extrémité côté orteils d'un article de bonneterie durant l'insertion automatique de ce dernier dans le transporteur d'une machine à coudre pour fermer l'extrémité côté orteils

Publication

**EP 1473399 A1 20041103 (EN)**

Application

**EP 04009711 A 20040423**

Priority

IT MI20030896 A 20030430

Abstract (en)

A device for precise placement of the toe of a hosiery item (4) during automated insertion in the conveyor of a sewing machine for closing the toe, composed of two laminas (3a,3b) arranged side by side on a substantially horizontal plane so as to form therebetween a passage (2) for a portion of the hosiery item (4) proximate to the opening of the toe to be closed; the device comprises, proximate to the inlet of the passage, tensioning elements (10,11), arranged below the pair of laminas (3a,3b) to engage a portion of the toe of the hosiery item (4), hanging at the toe opening to be closed with two flaps of the opening facing each other and actuated in order to tension the hosiery item (4) downwardly during insertion in the passage. <IMAGE>

IPC 1-7

**D05B 23/00**

IPC 8 full level

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CPC (source: EP US)

**D05B 23/009** (2013.01 - EP US)

Citation (search report)

- [XA] EP 1088925 A1 20010404 - CONTI COMPLETT SPA [IT]
- [X] WO 02084003 A1 20021024 - GOLDEN LADY SPA [IT], et al
- [X] WO 03018891 A1 20030306 - GOLDEN LADY SPA [IT], et al

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CN101824709A; CN107208332A; EA031736B1; US10309044B2; WO2016120293A1

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